

Title (en)

LIFT VALVE WITH PRESSURE BALANCED PILOT OPERATED VALVE MEMBER

Title (de)

HUBVENTIL MIT DRUCKAUSGEGLICHENEM VORGESTEUERTEN VENTILORGAN

Title (fr)

SOUPAPE A LEVEE VERTICALE DOTEE D'UN ELEMENT PILOTE A REGULATION DE PRESSION

Publication

EP 0870142 B1 20061213 (EN)

Application

EP 96911848 A 19960503

Priority

- AU 9600263 W 19960503
- AU PN641295 A 19950505

Abstract (en)

[origin: EP1716748A2] A flow control element adapted to be provided within a substantially longitudinal fluid passageway (105) of a valve device, said flow control element comprising: a substantially longitudinal element (104) having a cross-sectional area smaller than the cross-sectional area of said passageway (105); retaining means to retain said element within said passageway (105) whilst permitting automatic movement of said element relative to said passageway (105); and, a biasing means, such as a spring (120), which permits said element (104) to alter its position within said passageway (105); such that, said flow control element enables a consistent low flow-rate of fluid through said passageway (105) whilst said automatic movement of said element (104) relative to said passageway (105) cleans and/or clears said passageway (105) from particulate matter such as dirt and/or deposit whilst preventing the ingress of particles which might otherwise clog said passageway (105) and/or flow paths downstream thereof.

IPC 8 full level

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CPC (source: EP KR US)

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